



Bangladesh Power Development Board
DAILY ELECTRICITY GENERATION REPORT

Office of the Member, Generation
Tel : 9564667, 9551995

Month September, 2020					Day : Sunday				Date : 13.09.20				
Probable Maximum Demand : 12700 MW					Probable Maximum Generation : 15100 MW					Rule Curve = 101.76 ft.			
Water Level of Kaptai Lake at 06:00 AM					Yesterday = 93.59 ft		Today = 93.91 ft.						
Sl. No.	Name of Power Station	Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	12.09.20 (Yesterday)		13.09.20 (Today)		12.09.20 (Yesterday)		Status of Machines under shut-down/ Maintenance		
					Actual Peak Generation (MW)		Probable Peak Generation (MW)		Gen. shortfall for :		Description/ Remarks	Probable start-up date	
					Day	Evening	Day	Evening	Gas/water/Coal limitation MW	Machines shut down (MW)			
(A) Plants in operation:													
1	a) Ghorasal TPP (Unit-1&2)	Gas (PDB)	2 x 55	110	85	0	0	0	0		85	Under maint.	
	b) Ghorasal Repowered CCPP Unit-3	Gas (PDB)	1 x 210	210	170	0	0	0	0	170		Gas Shortage	
	c) Ghorasal Repowered CCPP Unit-4	Gas (PDB)	1 x 210	210	180	150	100	100	100	80		Gas Shortage	
	d) Ghorasal TPP Unit-5	Gas (PDB)	1 x 210	210	190	0	0	0	0		190	Under maint.	
2	Ghorasal 365 MW CCPP Unit-7	Gas (PDB)	1x 254+1x 126	365	365	0	192	200	200				
3	Ghorasol 108MW PP (Regent)	Gas (IPP)	34x3.35	108	108	88	62	95	95	46		Gas Shortage	
4	Ghorasol 78.5 MW PP (MAX)	Gas (QRPP)	2x40	78	78	67	40	70	70	38		Gas Shortage	
5	Tongi 80 MW GTTP	Gas (PDB)	1 x 105	105	105	0	0	0	0	105		Gas Shortage	
6	Haripur GTTP	Gas (PDB)	1 x 32	32	20	0	0	0	0	20		Gas Shortage	
7	Haripur 360MW CCPP(HPL)	Gas (IPP)	1x235+1x125	360	360	351	321	360	360				
8	Meghnaghat 450 MW CCPP(MPL)	Gas (IPP)	2x140+1x170	450	450	390	420	450	450				
9	210 MW Siddhirganj TPP	Gas (PDB)	1 x 210	210	115	0	0	0	0		115	Under Overhauling	
10	Haripur 412 MW CCPP	Gas (EGCB)	1x273+1x139	412	412	354	342	0	270				
11	Siddhirganj 2*120 MW GTTP	Gas (EGCB)	2 x 105	210	210	0	0	0	0	210		Gas Shortage	
12	Siddhirganj 335 MW CCPP	Gas (EGCB)	1 x 217+1x118	335	335	282	285	335	335				
13	Siddhirganj 100 PP(Dutch Bangla)	HFO (QRPP)	12x8.9	100	100	7	7	50	50				
14	Meghnaghat CCPP(Summit)	GAS (IPP)	2x110+1x110	305	305	135	140	150	150				
15	Meghnaghat 100 MW(IEI)	HFO (QRPP)	12x8.9	100	100	100	100	7	7				
16	Madanganj 102 PP(Summit)	HFO (QRPP)	6x17	102	100	60	80	96	96				
17	Madanganj-55 MW PP(Summit)	HFO (IPP)	5x17.08+1x11.3	55	55	48	55	55	55				
18	Keraniganj 100 MW PP (Powerpac)	HFO (QRPP)	8x13.45	100	100	0	100	100	100				
19	Gagnagar 102 MW PP (Digital Pow)	HFO (IPP)	12x8.924	102	102	16	40	93	93				
20	Narsingdi 22 MW PP (Doreen)	Gas (SIIP, REB)	8x2.90	22	22	22	22	22	22				
21	Summit Power, (Madhadi+Ashulia)	Gas (SIIP, REB)	6x3.67+1x8.73	80	80	48	47	55	55				
22	Maona 33 MW PP(Summit)	Gas (SIIP, REB)	4x8.73	33	33	28	25	33	33				
23	Rupganj 33 MW PP(Summit)	Gas (SIIP, REB)	4x8.73	33	33	33	33	33	33				
24	Gazipur 52 MW PP	HFO (RPCL)	6x8.90	52	52	0	47	52	52				
25	Gazipur 100 MW PP	HFO (RPCL)	6x18.415	105	105	34	87	100	100				
26	Kodda 150MW PP	HFO (BPDB-RPCL)	9x17.06	149	149	0	150	149	149				
27	Katpotti 52 MW PP (Sinha)	HFO (IPP)	7x7.90	51	51	0	0	0	0				
28	Kamalaghat 54 MW PP (Barco Energy)	HFO (IPP)	3x18.69	54	54	0	54	54	54				
29	Kodda 300 MW PP Unit-2 (Summit)	HFO (IPP)	18x17.076	300	300	135	300	300	300				
30	Kodda 149 MW PP Unit-1 (Summit)	HFO (IPP)	8x18.415+1x8.97	149	149	145	149	149	149				
31	Keraniganj 300 MW PP (APR)	HSD (IPP)	25x1.4	300	300	0	0	100	300				
32	Bramhangon 100 MW PP (Aggreko)	HSD (IPP)	23x0.85+91x.959	100	100	0	0	50	100				
33	Auraha 100MW PP (Aggreko)	HSD (IPP)	23x0.85+91x.959	100	100	0	0	100	100				
34	Nababganj 55 MW PP (Southern p	HFO (IPP)	3x19.3	55	55	0	55	55	55				
35	Manikganj 55 MW PP (Northern)	HFO (IPP)	3x19.3	55	55	17	55	55	55				
36	Bosila 108MW PP(CLC)	HFO (IPP)	12x8.775+1x3.5	108	108	0	0	0	0				
37	Meghnaghat 104 MW PP (OPSL)	HFO (IPP)	6x18.5	104	104	104	17	70	80				
Dhaka Zone Total				6119	5895	2614	3325	3538	4068	669	390		
38	Karnaphuli Hydro PP Unit-1,2,3,4,	Hydro (PDB)	2x40, 3x50	230	230	43	46	44	44	184		Low Water Level	
39	a) Chattogram TPP-1	Gas (PDB)	1 x 210	210	180	120	130	130	130	50		Gas Shortage	
	b) Chattogram TPP-2	Gas (PDB)	1 x 210	210	180	0	0	0	0		180	Under maint.	
40	Kaptai 7 MW Solar PP	Solar (PDB)		7	7	3	0	5	0				
41	Raozan 25 MW PP	HFO (RPCL)	3x8.9	25	25	0	25	25	25				
42	Teknaf 20MW PP (Solarsitech)	Solar (IPP)	1x20	20	20	20	0	20	0				
43	Patenga 50MW PP (Baraka)	HFO (IPP)	8x6.89	50	50	19	50	50	50				
44	Sikalbaha 105 MW PP (Baraka Sil)	HFO (IPP)	6x18.415	105	105	0	0	100	100				
45	Sikalbaha Peaking GT	Gas (PDB)	1 x 150	150	150	140	139	140	140				
46	Sikalbaha 225 MW CCPP	Gas (PDB)	1 x 150+1 x 75	225	225	0	203	203	204				
47	Anwara 300 MW PP (United)	HFO (IPP)	17x17.076+ 3x8.04	300	300	265	216	300	300				
48	Juidah 100 MW Unit-1 (Acom)	HFO (QRPP)	8x13.45	100	100	0	50	100	100				
49	Juidah 100 MW PP Unit-3 (Acom)	HFO (IPP)	8x13.45	100	100	100	100	100	100				
50	Dohazari -Kalaish 100 MW Peakin	HFO (PDB)	6x17.0	102	102	0	85	100	100				
51	Hathazari 100 MW peaking PP	HFO (PDB)	11x8.9	98	98	0	0	0	0				
52	Barabkunda 22 MW PP (Regent)	Gas (SIIP, PDB)	8x2.90	22	22	20	21	21	21				
*	Malancha, Ctg EPZ (United)	Gas	5x8.73+3x9.34			2	36	5	25				
53	Chattogram 108 MW PP (ECPV)	HFO (IPP)	16x7.00	108	108	2	84	85	85				
54	Sikalbaha 54 MW Power Plant(Jodiac Power)	HFO (IPP)	3x18.55+1x3.6	54	54	0	0	54	54				
55	Karnaphuli Power Ltd.	HFO (IPP)	6x18.41+1x6.4	110	110	0	17	110	110				
56	Juidah unit-2 (Acom)	HFO (IPP)	8x13.6	100	100	100	100	100	100				
Chattogram Zone Total				2326	2266	834	1302	1692	1688	234	180		
57	a) Ashuganj TPP Unit- 3	Gas (APSCL)	1 x 150	150	135	0	0	0	0	135		Gas Shortage	
	b) Ashuganj TPP Unit- 4	Gas (APSCL)	1 x 150	150	129	0	0	0	0	129		Gas Shortage	
	c) Ashuganj TPP Unit- 5	Gas (APSCL)	1 x 150	150	134	80	80	80	80	54		Gas Shortage	
58	Ashuganj 50 MW PP	Gas (APSCL)	14x3.968	53	45	20	35	35	35				
59	Ashuganj 225 MW CCPP	Gas (APSCL)	1x142+1*75	221	221	175	192	214	214				
60	Ashuganj 450 MW CCPP(South)	Gas (APSCL)	1x360	360	360	300	270	360	360				
61	Ashuganj 450 MW CCPP(North)	Gas (APSCL)	1x361	360	360	290	275	360	360				
62	Ashuganj 55 MW PP (Precision)	Gas (RPP)	15*4	55	55	5	5	20	20	50		Gas shortage	
63	Ashuganj 195MW PP (APSCL)	Gas (IPP)	20*9.73+1*16	195	195	8	8	8	8	187		Gas shortage	
64	Ashuganj 51 MW PP (Midland)	Gas (IPP)	6x9.34	51	51	34	51	51	51				
65	Ashuganj 150MW PP (Midland)	HFO (IPP)	23x7.015	150	150	0	100	150	150				
66	Titas 50 MW Peaking PP	HFO (PDB)	6x8.92	52	52	0	50	0	50				
67	Chandpur 150 MW CCPP	Gas (PDB)	1X106+1x57	163	163	82	82	100	100				
68	Chandpur 200MW (Desh energy)	HFO (IPP)	12x18.415	200	200	0	101	200	200				
69	Feni 22MW PP (Doreen)	Gas (SIIP, PDB)	8x2.90	22	22	18	18	21	21				
70	Feni 11 MW PP (Doreen)	Gas (SIIP, REB)	4x2.90	11	11	5	11	11	11				
71	Jangalia 33MW PP (Summit)	Gas (SIIP, PDB)	4x8.73	33	33	0	33	33	33				
72	Jangalia 52 MW PP (Lakdanavi)	HFO (IPP)	6x8.92	52	52	0	43	43	43				
73	Cumilla 25 MW PP (Summit)	Gas (SIIP, REB)	3x3.67+2x6.97	25	25	18	21	21	21				
74	Daudkandi 200 MW PP (B.Trac)	HSD (IPP)	8x1.4+40x1.515+15x1.05	200	200	0	0	0	200				
75	Feni 114 MW Power Plant(Lakdanavi)	HFO (IPP)	7*18.415+1*9.78	114	114	0	114	114	114				
76	Chowmuhani 113 MW	HFO (IPP)	12*9.78+2*3.1	113	113	108	113	113	113				
**	Impoport (Tripura)	India		160	160	134	172	157	173				
Cumilla Zone Total				3040	2980	1277	1774	2091	2357	555	0		
77	RPCL 210MW CCPP	Gas (IPP)	4x35+1x70	210	202	157	124	160	160				
78	Tangail 22 MW PP (Doreen)	Gas (SIIP, PDB)	8x2.90	22	22	22	0	22	22				
79	Jamalpur 95 MW PP(Powerpac)	HFO (IPP)	12x8.924	95	95	56	55	72	72				
80	Jamalpur 115 MW PP (United)	HFO (IPP)	12x8.87	115	115	50	110	115	115				
81	Myemensingh 200 MW PP (United)	HFO (IPP)	21x9.780	200	200	182	200	200	200				
82	Sarishabari 3 MW Solar Plant	Solar (IPP)	12x8.924	3	3	1	0	1.6	0				
Myemensingh Zone Total				645	637	468	489	570.6	569	0	0		

Sl. No.	Name of Power Station		Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	12.09.20 (Yesterday)		13.09.20 (Today)		12.09.20 (Yesterday)		Status of Machines under shut-down/ Maintenance	
						Actual Peak Generation (MW)		Probable Peak Generation (MW)		Gen. shortfall for :			
						Day	Evening	Day	Evening	Gas/water/Coal limitation MW	Machines shut down (MW)	Description/ Remarks	Probable start-up date
83	Fenchugonj CCPP Phase-1	Gas (PDB)	2x32+1x33	97	70	91	91	90	90				
84	Fenchugonj CCPP Phase-2	Gas (PDB)	2x35+1x35	104	90	28	28	30	30		62	GT-4 Under maint.	
85	Fenchugonj 51 MW PP (Barakatal)	Gas (RPP)	19x2.90	51	51	50	50	51	51				
86	Fenchugonj 44MW (Energyprima)	Gas (RPP)	12x3.3+5x2.0	44	44	47	47	44	44				
87	Kushara 163 MW CCPP (KP)	Gas (IPP)	1x109+1x54	163	163	163	130	163	163				
88	Hobiganj 11MW PP Confidence-E	Gas (SIIP, REB)	4x2.90	11	11	0	11	11	11				
89	Shahjibazar GTPP Unit- 8 & 9	Gas (PDB)	2x35	70	66	65	64	64	64				
90	Shajibazar 330 MW CCPP	Gas (PDB)	2x110+2x110	330	330	285	285	300	300				
91	Shahjibazar 86MW PP (Shahjibaz)	Gas (RPP)	32x2.90	86	86	88	85	86	86				
92	Sylhet 225 MW CCPP	Gas (PDB)	1x142+1x89	231	231	184	185	225	225				
93	Sylhet 20 MW GTPP	Gas (PDB)	1 x 20	20	20	18	18	18	18				
94	Sylhet 50MW PP (EPL)	Gas (RPP)	27x2.0	50	50	0	0	0	0				
95	Sylhet 10MW PP (Desh)	Gas (RPP)	6x1.95	10	10	10	10	10	10				
96	Shahjahanulla 25 MW PP	Gas (CIPP, REB)	3x9.34	25	25	24	16	25	25				
97	Bibiana-II 341 MW CCPP (Summit)	Gas (IPP)	1x222+1x119	341	341	310	290	341	341				
98	Bibiyana-III 400 MW CCPP	Gas (PDB)	1x285+1x115	400	400	0	0	0	0		400	Under maint.	
	Bibiyana South 400 MW	Gas (PDB)				0	0	0	0				
Sylhet Zone Total						1363	1310	1458	1458	0	462		
99	Bheramara GTPP Unit- 3	HSD (PDB)	1 x 20	20	16	0	0	0	16				
100	Bheramara 410 MW CCPP	Gas (NWPGL)	1 x 278+1 x 132	410	410	345	340	410	410				
101	Faridpur 50 MW Peaking PP	HFO (PDB)	8x6.98	54	54	0	0	0	30				
102	Gopalganj 100 MW Peaking PP	HFO (PDB)	16x6.98	109	109	0	0	0	60				
103	Khulna 225 MW CCPP	HSD (NWPGL)	1 x 150+1x75	230	230	120	160	225	225				
104	Khulna 115 PP MW (KPCL-2)	HFO (QRPP)	7x17	115	115	52	115	115	115				
105	Noapara 100 MW PP (Bangla Trac	HSD (IPP)	70x1.4+7x1.515	100	100	0	100	50	100				
106	Noapara 40 MW PP (Khanjahan Al	HFO (QRPP)	5x8.5	40	40	0	40	40	40				
107	Rupsha 105 MW PP (Orion rupsha	HFO (IPP)	6x18.445	105	105	0	35	105	105				
108	Madhumati 100 MW PP	HFO (NWPGL)	6x18.415	105	105	0	0	100	100				
**	Bheramara (HVDC)	India		1000	1000	931	927	945	945				
Khulna Zone Total						2288	2284	1448	1717	1990	2146	0	129
109	Barisal 110 MW PP (Summit)	HFO (IPP)	7 x 17.076	110	110	0	80	110	110				
110	Bhola 33 MW PP (Venture)	Gas (RPP)	1x34.50	33	33	25	39	33	33				
111	Bhola 225 MW CCPP	Gas (PDB)	2x63+1x68	194	194	87	65	90	90		129	GT-2 Under maint.	
112	Bhola 95 MW PP (Aggreko)	Gas (QRPP)	1.1x96	95	95	0	78	80	80				
113	Payra 1320 MW Unit-1	Coal (BCPL)	1x622	622	622	430	550	620	620				
Barishal Zone Total						1054	1054	542	812	933	933	0	129
114	a) Baghabari 71 MW GTPP	Gas (PDB)	1 x 71	71	71	0	0	0	0		71	Gas Shortage	
	b) Baghabari 100 MW GTPP	Gas (PDB)	1 x 100	100	100	60	60	70	70		40	Gas Shortage	
115	Baghabari 50 MW Peaking PP	HFO (PDB)	6x8.9	52	52	0	50	0	50				
116	Baghabari 200 MW PP (Paramoun	HSD (IPP)	135x1.6	200	200	0	0	200	200				
117	Bera 70 MW Peaking PP	HFO (PDB)	9x8.29	71	71	0	0	0	40				
118	Amnura 50 MW PP(Sinha)	HFO (QRPP)	7x7.79	50	50	0	0	0	0				
119	Chapainawabganj 100 MW Peakin	HFO (PDB)	12x8.924	104	104	0	97	100	100				
120	Katakhal 50 MW Peaking PP	HFO (PDB)	6x8.7	50	50	0	43	43	43				
121	Katakhal 50 MW PP (Northern)	HFO (QRPP)	6x8.9	50	50	0	0	0	0				
122	Santahar 50 MW Peaking PP	HFO (PDB)	6x8.7	50	50	0	32	0	32				
123	Sirajgonj 225MW CCPP Unit-1	Gas (NWPGL)	1x150+1x75	210	210	140	130	147	147		80	ST under maint.	
124	Sirajgonj 225MW CCPP Unit-2	Gas (NWPGL)	1x150+1x75	220	220	0	0	0	0		220	Under maint.	
125	Sirajgonj 225MW CCPP Unit-3	Gas (NWPGL)	1x141+1x79	220	220	150	200	170	225				
126	Sirajgonj 400 MW CCPP Unit-4	Gas (IPP)	1x282+1x132	414	414	410	330	414	414				
127	Bogra 22 MW PP (GBB)	Gas (RPP)	6x4.0	22	22	22	21	22	22				
128	Bogra 20 MW PP (Energyprima)	Gas (RPP)	5x3.3+5x2.0	20	10	8	8	8	8				
129	Ullapara 11 MW PP (Summit)	Gas (SIIP, REB)	4x2.90	11	11	11	11	11	11				
130	Natore 52 MW PP (Rajlanka)	HFO (IPP)	6x8.92	52	52	0	43	43	43				
131	Bagura 113 MW PP (Confidence) Unit-1	HFO (IPP)	6*18.55	113	113	109	109	113	113				
132	Bagura 113 MW PP (Confidence) Unit-2	HFO (IPP)	6x18.55	113	113	0	113	113	113				
Rajshahi Zone Total						2193	2183	910	1247	1454	1631	111	300
133	a) Barapukuria TPP Unit-1	Coal (PDB)	1 x 125	125	85	0	0	0	0		85	Coal Shortage	
	b) Barapukuria TPP Unit-2	Coal (PDB)	1 x 125	125	85	0	0	0	0		85	Coal Shortage	
134	Barapukuria 275 MW TPP Unit-3	Coal (PDB)	1 x 274	274	274	150	150	150	150				
135	Rangpur 20 MW GTPP	HSD (PDB)	1 x 20	20	20	0	0	0	0				
136	Rangpur 113 MW PP (Confidence)	HFO (IPP)	7*16x 2*3	113	113	28	103	100	100				
137	Saidpur 20 MW GTPP	HSD (PDB)	1 x 20	20	20	0	0	0	0				
138	Majpara, Tatalia 8 MW Solar PP (Sympa I	Solar (IPP)	1 x 8	8	8	4	0	8	0				
Rangpur Zone Total						685	605	182	253	258	250	170	0
Sub-total: Plants in operation						20383	19892	9638.0	12229	13985	15100	1739	1461
Available Power at Sub-station end excluding P/S auxiliary use and Transmission loss								9257	11745	13431	14502		
(B) Contract expired power plants													
Sub-Total: Plants under long term maintenance					0	0	0	0	0	0			
Gross Total					20383	19892	9638	12229	13985	15100	1739	1461	
(C) Actual data of 12.09.20 (Yesterday) Saturday :													
01.	Max. Demand (Generation end)	:	12229.00	MW, at = 21:00 hrs	12.	Zone wise Demand and Load-shed at Evening Peak (Sub-station end) :							
02.	Max. Demand (Sub-station end)	:	11745.00	MW, at = 21:00 hrs		Zone	Demand	Supply	Load Shed	Zone	Demand	Supply	Load Shed
03.	Highest Generation (Generation end)	:	12229.00	MW, at = 21:00 hrs			MW	MW	MW		MW	MW	MW
04.	Minimum Generation (Generation end)	:	8529.00	MW, at = 7:00 hrs		Dhaka	4039	4039	0	Mymensingh	954	954	0
05.	Day-peak Generation (Generation end)	:	9638.00	MW, at = 12:00 hrs		Chattogram	1171	1171	0	Sylhet	486	486	0
06.	Evening-peak Generation (Generation end)	:	12229.00	MW, at = 21:00 hrs		Khulna	1547	1547	0	Barishal	344	344	0
07.	Evening Peak Load-shed (Sub-station end)	:	0.00	MW, at = 21:00 hrs		Rajshahi	1274	1274	0	Rangpur	749	749	0
08.	Actual Minimum Generation up to 8:00 hrs.	:	9316.00	MW, at = 7:00 hrs and		Cumilla	1181	1181	0				
09.	Generation shortfall at evening peak due to :	:				Total		11745	11745	0			
	a) Gas limitation	:	1385	MW	13.	Fuel cost :		(a) Gas = 184300693 Taka	(c) Coal = 75127529 Taka				
	d) Coal supply Limitation	:	170	MW				(b) Oil = 450955166 Taka	Total = 710383388 Taka				
	b) Low water level in Kaptai lake	:	184	MW									
	c) Plants under shut down/ maintenance	:	1461	MW	14.	Maximum Temperature in Dhaka was :		34.4° C					
10.	Total Energy (Generation + India Import)	:	258.42	MKWh	15.	Export through East-West interconnections :							
	By Gas = 158.803 MKWh			By Oil = 56.238 MKWh		At evening peak-hour		: -99	MW, at 21:00 hrs				
	By Coal = 16.247 MKWh			By Hydro = 1.070 MKWh		Maximum		: -130	MW, at 20:00 hrs				
	By Solar= 0.181 MKWh					Energy		: 0.2735	MKWh				
11.	Total Gas Supplied	:	1219.65	MMCFD									
(D) Forecast of 13.09.20 (Today) Sunday :													
01.	Maximum Demand	:	12700	MW (Generation end)	04.	Maximum Load-shed		:	0	MW	At evening peak (Sub-station end)		
02.	Maximum Generation	:	15100	MW (Generation end)	05.	Total Generation		:	268.37	MKWh			
03.	Maximum Shortage	:	-2400	MW (Generation end)	06.	Probable Max. Temperature in Dhaka :		:	33.5° C				

* Captive Power ** Imported Power

#Remarks: Highest Generation 12893MW on 29-05-2019 at 21:00

(Fazoul Islam Shaker)
Deputy Secretary, Generation